

Weekly Report

Battery Management Systems

Week: 24/03/2014 to 28/03/2014

Advisor: Armando Sousa Araújo

Student: Sónia Carina Lopes da Costa

WORK DONE

- Set up of new initialization values;
- Validation of the state-space model using Matlab algorithm;
- Test the EKF algorithm.

DIFFICULTIES

- The state-space model has the expected evolution. However the filter does not converge.

MEETINGS WITH ADIVOR AND FUTURE WORK

- At the meeting the validation of the model was displayed.
- Work for next week: read literature in an attempt to try to get a solution that makes the filter converge. Write the data obtained.